

AMENDMENTS

In the Claims:

This listing of claims replaces all prior versions and listings of the claims. The status of each claim is indicated. Amendments are shown with additions underlined and deletions in ~~strike through~~ text. No new matter is added by these amendments.

1. (Currently Amended) A device for treating a body canal, comprising:

a medical device that includes:

a proximal end-piece positioned at a proximal-most end of said medical device, the proximal end-piece defining an opening configured to receive at least a portion of an insertion device;

a distal end-piece positioned at a distal end of said medical device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops directly connected to the proximal end-piece and the distal end-piece and configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a substantially cylindrical non-loop segment having a distal end surface and a proximal end surface, the distal end surface being directly connected to a first loop of the interconnected loops and the proximal end surface being directly connected to a second loop of said interconnected loops, wherein the non-loop segment is a single piece of material, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the medical device; the substantially cylindrical non-loop segment having an undulating outer surface extending from a distal end of the substantially cylindrical non-loop segment to a proximal end of the substantially cylindrical non-loop segment.

2. (Original) The device of claim 1 wherein said body portion comprises discrete loops.

3. (Canceled)

4. (Withdrawn) The device of claim 1 wherein at least one of said loop members defines a plurality of openings arranged along a longitudinal axis of said body portion.
5. (Withdrawn) The device of claim 1 wherein at least one of said loops is substantially oval.
6. (Original) The device of claim 1 wherein at least one of said loops is substantially circular.
7. (Withdrawn) The device of claim 1 wherein at least one of said loops is substantially rectangular.
8. (Original) The device of claim 1 wherein said member of at least one of said loops comprises a substantially circular cross-section.
9. (Original) The device of claim 1 wherein at least one of said members comprises a closed loop.
10. (Withdrawn) The device of claim 1 wherein at least one of said members comprises an open loop comprising two ends.
11. (Withdrawn) The device of claim 10 further comprising a gap between said open loop ends, the largest dimension of said gap being no greater than the diameter of an adjacent loop member.
12. (Withdrawn) The device of claim 1 wherein at least one of said members is hollow.
- 13.-16. (Canceled)
17. (Original) The device of claim 1 wherein said members are biodegradable.
18. (Withdrawn) The device of claim 1 further comprising a drug releasable from said device.

19. (Withdrawn) The device of claim 18, further comprising a plug for releasing said drug.

20. (Withdrawn) The of claim 18 wherein said device further comprises a coating disposed on at least a portion of said device, said coating releasing said drug in a solution.

21. (Canceled)

22. (Currently Amended) A device for treating a body canal, comprising:

a medical device that includes:

a proximal end-piece positioned at a proximal-most end of said medical device, the proximal end-piece defining an opening configured to receive at least a portion of an insertion device;

a distal end-piece positioned at a distal-most end of said medical device; and

an elongated body portion disposed between said proximal end-piece and said distal end piece, said body portion comprising a plurality of interconnected loops directly connected to the proximal end-piece and the distal end-piece and configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, the elongated body portion further comprising a substantially cylindrical non-loop segment having a proximal end surface and a distal end surface, the proximal end surface being directly connected to a first loop of the interconnected loops and the distal end surface being directly connected to a second loop of said interconnected loops, wherein the non-loop segment is a single piece of material, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the medical device, and the end-pieces being substantially spherical in shape; the substantially cylindrical non-loop segment having an undulating outer surface extending from a distal end of the substantially cylindrical non-loop segment to a proximal end of the substantially cylindrical non-loop segment.

23. (Withdrawn) The device of claim 1 wherein at least one of said end-pieces comprises an inflatable balloon.

24. - 27. (Canceled)

28. (Previously Presented) The device of claim 22, wherein at least one of the end-pieces is configured to hold a respective end of the device at a specific anatomical location.

29. (Previously Presented) The device of claim 28, wherein the specific anatomical location includes one of a renal pelvis, a urinary bladder, or a blood vessel.

30. (Previously Presented) The device of claim 22, further including a proximal loop member joined to the proximal end-piece and a distal loop member joined to the distal end-piece.

31. (Previously Presented) The device of claim 30, wherein the proximal loop member and the distal loop member are joined to the proximal end-piece and the distal end-piece, respectively, by one of welding, soldering, or adhesive.

32. (Canceled)

33. (Previously Presented) The device of claim 22 wherein said member of at least one of said loops comprises a substantially circular cross-section.

34. (Previously Presented) The device of claim 22 wherein at least one of said members comprises a closed loop.

35. (Canceled)

36. (Currently Amended) A device for treating a body canal, comprising:

a medical device that includes:

a proximal end-piece positioned at a proximal-most end of said medical device,
the proximal end-piece defining an opening configured to receive at least a portion of an
insertion device;

a distal end-piece positioned at a distal end of said medical device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops directly connected to the proximal end-piece and the distal end-piece and configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of an adjacent loop to form said plurality of interconnected loops, the elongate body portion further comprising a substantially cylindrical non-loop segment comprising a first end directly connected to a first loop of the interconnected loops and a second end directly connected to a second loop of said interconnected loops, wherein the non-loop segment is a single piece of material. a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the medical device, and wherein adjacent interconnected loops are moveable along each of an X, Y, and Z orthogonal axis relative to each other at least during deployment of the medical device in the body canal, the substantially cylindrical non-loop segment defines a longitudinal axis, a radial center of the substantially cylindrical non-loop segment extends along the longitudinal axis, the first loop of the interconnected loops and the second loop of the interconnected loops extend along the longitudinal axis; the substantially cylindrical non-loop segment having an undulating outer surface extending from a distal end of the substantially cylindrical non-loop segment to a proximal end of the substantially cylindrical non-loop segment.

37. (Previously Presented) The device of claim 36, wherein each of the plurality of interconnected loops is configured to move within the confines of the opening of an adjacent loop.

38. (Previously Presented) The device of claim 36, wherein the interconnected loops are configured to permit fluid to pass through each at least one opening.

39. (Previously Presented) The device of claim 36, wherein an axial length of the body portion is adjustable.

40. (Canceled)

41. (Previously Presented) The device of claim 36 wherein said member of at least one of said loops comprises a substantially circular cross-section.

42. (Previously Presented) The device of claim 36 wherein at least one of said members comprises a closed loop.

43.- 45. (Canceled)

46. (Previously Presented) The device of claim 22, wherein the segment is made of a compressible material.

47. (Canceled)

48. (Previously Presented) The device of claim 1, wherein at least one of said end-pieces comprises a cross-sectional area larger than a cross-sectional area of said body portion.

49. (Currently Amended) A device for treating a body canal, comprising:

a medical device that includes:

a proximal end-piece positioned at a proximal-most end of said medical device,
the proximal end-piece defining an opening configured to receive at least a portion of an
insertion device;

a distal end-piece positioned at a distal-most end of said medical device, the end-pieces being substantially spherical in shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops directly connected to the proximal end-piece and the distal end-piece and configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a non-loop

segment having a distal end surface and a proximal end surface, the distal end surface being directly connected to a first loop of the interconnected loops and the proximal end surface being directly connected to a second loop of said interconnected loops, wherein the non-loop segment is a single piece of material, a cross-sectional diameter of at least one of the end-pieces being greater than a cross-sectional diameter of the body portion; the non-loop segment having an undulating outer surface extending from a distal end of the non-loop segment to a proximal end of the non-loop segment.

50. (Canceled)

51. (Previously Presented) The device of claim 49 wherein the segment is substantially tubular.

52. (Previously Presented) The device of claim 49 wherein the member of at least one of said loops comprises a substantially circular cross-section.

53. (Previously Presented) The device of claim 49 wherein at least one of the members comprises a closed loop.

54. - 59. (Canceled)

60. (Currently Amended) A device for treating a body canal, comprising:

a medical device that includes:

a proximal end-piece positioned at a proximal end of said medical device, the proximal end-piece defining an opening configured to receive at least a portion of an insertion device;

a distal end-piece positioned at a distal end of said medical device; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops directly connected to the proximal end-piece and the distal end-piece and configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop being biodegradable and passing through at least one opening of another loop to

form said plurality of interconnected loops, and wherein the elongated body portion further comprises a substantially cylindrical non-loop segment connected to at least one of said interconnected loops comprising a first end directly connected to a first loop of the interconnected loops and a second end directly connected to a second loop of said interconnected loops, wherein the non-loop segment is a single piece of material, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the medical device, the substantially cylindrical non-loop segment defines a longitudinal axis, a radial center of the substantially cylindrical non-loop segment extends along the longitudinal axis, the first loop of the interconnected loops and the second loop of the interconnected loops extend along the longitudinal axis; the substantially cylindrical non-loop segment having an undulating outer surface extending from a distal end of the substantially cylindrical non-loop segment to a proximal end of the substantially cylindrical non-loop segment.

61. (Currently Amended) A device for treating a body canal, comprising:

a medical device that includes:

a proximal end-piece positioned at a proximal-most end of said medical device,
the proximal end-piece defining an opening configured to receive at least a portion of an
insertion device;

a distal end-piece positioned at a distal end of said medical device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops directly connected to the proximal end-piece and the distal end-piece and configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a substantially cylindrical non-loop segment made of a compressible material and connected to at least one of said interconnected loops comprising a first end directly connected to a first loop of the interconnected loops and a second end directly connected to a second loop of said interconnected loops, wherein the non-loop segment is a single piece of material, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the medical device, the

substantially cylindrical non-loop segment defines a longitudinal axis, a radial center of the substantially cylindrical non-loop segment extends along the longitudinal axis, the first loop of the interconnected loops and the second loop of the interconnected loops extend along the longitudinal axis; the substantially cylindrical non-loop segment having an undulating outer surface extending from a distal end of the substantially cylindrical non-loop segment to a proximal end of the substantially cylindrical non-loop segment.

62. (Currently Amended) A device for treating a body canal, comprising:

a medical device that includes:

a proximal end-piece positioned at a proximal-most end of said medical device,
the proximal end-piece defining an opening configured to receive at least a portion of an insertion device;

a distal end-piece positioned at a distal end of said medical device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops directly connected to the proximal end-piece and the distal end-piece and configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop passing through at least one opening of an adjacent loop to form said plurality of interconnected loops, the elongate body portion further comprising a substantially cylindrical non-loop segment made of a compressible material and comprising a proximal end surface and a distal end surface, the distal end surface being directly connected to a first loop of the interconnected loops and the proximal end surface being directly connected to a second loop of said interconnected loops, wherein the non-loop segment is a single piece of material, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the medical device, and wherein adjacent interconnected loops are moveable along each of an X, Y, and Z orthogonal axis relative to each other at least during deployment of the medical device in the body canal; the non-loop segment having an undulating outer surface extending from a distal end of the non-loop segment to a proximal end of the non-loop segment.

63. (Previously Presented) The device of claim 1, wherein the end-pieces are substantially spherical.

64. (Previously Presented) The device of claim 36, wherein the end-pieces are substantially spherical.

65. (Canceled)

66. (Currently Amended) A device for treating a body canal, comprising:

a medical device that includes:

a proximal end-piece positioned at a proximal-most end of said medical device,
the proximal end-piece defining an opening configured to receive at least a portion of an insertion device;

a distal end-piece positioned at a distal end of said medical device, the end-pieces having substantially the same non-looped shape; and

an elongated body portion disposed between said proximal end-piece and said distal end-piece, said body portion comprising a plurality of interconnected loops directly connected to the proximal end-piece and the distal end-piece and configured to fit within said body canal, each of said loops comprising a member defining at least one opening, the member of each loop being biodegradable and passing through at least one opening of another loop to form said plurality of interconnected loops, and wherein the elongated body portion further comprises a substantially cylindrical non-loop segment connected to at least one of said interconnected loops comprising a first end directly connected to a first loop of the interconnected loops and a second end directly connected to a second loop of said interconnected loops, wherein the non-loop segment is a single piece of material, a diameter of at least one of the end-pieces being larger than a diameter of a remainder of the medical device, the substantially cylindrical non-loop segment defines a longitudinal axis, a radial center of the substantially cylindrical non-loop segment extends along the longitudinal axis, the first loop of the interconnected loops and the second loop of the interconnected loops extend along the longitudinal axis; the substantially cylindrical non-loop segment having an undulating outer

surface extending from a distal end of the substantially cylindrical non-loop segment to a proximal end of the substantially cylindrical non-loop segment.

67. - 68. (Canceled)

69. (Previously Presented) The device of claim 1, wherein the end-pieces are spheres.

70. (Previously Presented) The device of claim 22, wherein the end-pieces are spheres.

71. (Previously Presented) The device of claim 36, wherein the end-pieces are spheres.

72. (Previously Presented) The device of claim 49, wherein the end-pieces are spheres.

73. (Previously Presented) The device of claim 60, wherein the end-pieces are spheres.

74. (Previously Presented) The device of claim 61, wherein the end-pieces are spheres.

75. (Previously Presented) The device of claim 62, wherein the end-pieces are spheres.

76. (Previously Presented) The device of claim 66, wherein the end-pieces are spheres.

77.-84. (Canceled)

85. (Previously Presented) The device of claim 1, wherein the substantially cylindrical non-loop segment defines a longitudinal axis, a radial center of the substantially cylindrical non-loop segment extends along the longitudinal axis, the first loop of the interconnected loops and the second loop of the interconnected loops extend along the longitudinal axis.

86. (Previously Presented) The device of claim 22, wherein the substantially cylindrical non-loop segment defines a longitudinal axis, a radial center of the substantially cylindrical non-loop

segment extends along the longitudinal axis, the first loop of the interconnected loops and the second loop of the interconnected loops extend along the longitudinal axis.

87. (Previously Presented) The device of claim 49, wherein the non-loop segment defines a longitudinal axis, a radial center of the non-loop segment extends along the longitudinal axis, the first loop of the interconnected loops and the second loop of the interconnected loops extend along the longitudinal axis.

88. (Previously Presented) The device of claim 62, wherein the substantially cylindrical non-loop segment defines a longitudinal axis, a radial center of the substantially cylindrical non-loop segment extends along the longitudinal axis, the first loop of the interconnected loops and the second loop of the interconnected loops extend along the longitudinal axis.

89. (New) The device of claim 1, wherein the medical device includes a removal member extending from a portion of the medical device.

90. (New) The device of claim 22, wherein the medical device includes a removal member extending from a portion of the medical device.

91. (New) The device of claim 36, wherein the medical device includes a removal member extending from a portion of the medical device.

92. (New) The device of claim 49, wherein the medical device includes a removal member extending from a portion of the medical device.

93. (New) The device of claim 60, wherein the medical device includes a removal member extending from a portion of the medical device.

94. (New) The device of claim 61, wherein the medical device includes a removal member extending from a portion of the medical device.

95. (New) The device of claim 62, wherein the medical device includes a removal member extending from a portion of the medical device.

96. (New) The device of claim 66, wherein the medical device includes a removal member extending from a portion of the medical device.